

# ADEM

171067



## ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Jim Folsom  
Governor

Leigh Pegues, Director

November 23, 1993

Mailing Address:  
PO BOX 301463  
MONTGOMERY AL  
36130-1463

Arrow Gear  
2301 Curtiss Avenue  
Downers Grove, IL 60515

Physical Address:  
1751 Cong. W. L.  
Dickinson Drive  
Montgomery, AL  
36109-2608

ATTENTION: D. Greca

Dear Sir or Madam:

Re: Recertification of Disposal Approval  
Disposal Approval Number CWM 121693-0021  
USEPA ID Number ILD 043 030 016

(205) 271-7700  
FAX 271-7950  
270-5612

The Department has received your application for recertification of Disposal Approval for the waste listed below and hereby assigns the following new Disposal Approval Number for this waste limited to the indicated approved annual quantity.

Field Offices:

110 Vulcan Road  
Birmingham, AL  
35209-4702  
(205) 942-6168  
FAX 941-1603

400 Well Street  
P.O. Box 953  
Decatur, AL  
35602-0953  
(205) 353-1713  
FAX 340-9359

2204 Perimeter Road  
Mobile, AL  
36615-1131  
(205) 450-3400  
FAX 479-2593

WASTE DESCRIPTION	APPROVED ANNUAL QUANTITY (T/Y)	DISPOSAL APPROVAL NUMBER
Waste Profile # 210234 Spent copper strip solution	4.00	CWM 121694-A006

The Disposal Approval Number must be indicated on each hazardous waste manifest in Item 11 after the DOT description. **NOTE:** the first six numerical digits of the approval number indicate the expiration date (e.g., 091092-0001 expires on September 10, 1992). A new preapproval request must be submitted at least forty-five (45) days before the expiration of the Disposal Approval Number in accordance with ADEM Administrative Code Rule 335-14-3-.08.

The assignment of this number does not relieve the generator or the disposal facility from the responsibility of compliance with all applicable statutes and regulations regarding the management of waste, nor the requirements of the applicable land disposal restrictions of Chapter 335-14-9 of the ADEM Administrative Code.

If you should have any questions, please contact Ms. Christina Shirley at (205) 271-7726.

Sincerely,

Sue R. Robertson, Chief  
Land Division

SRR/cvs  
cc: Ms. Susan Stokes  
Chemical Waste Management, Inc.  
Emelle, Al

DATE/TIME = JAN-06 09:35

JOURNAL NO. = 21

COMM.RESULT = OK

PAGES = 05

DURATION = 00:01'59

MODE = XMT

STATION NAME =

TELEPHONE NO. = T 2223899

RECEIVED ID =

RESOLUTION = /STANDARD

*Frey Nelson.*

-ARROW GEAR COMPANY-



EOG Environmental, Inc.

5611 W. Hemlock Street  
Milwaukee, WI 53223  
(414) 353-1156  
1-800-234-1156

## WASTE PROFILE SHEET

W/S No. 65-00334

## A GENERAL INFORMATION

Generator Name ARMY GEAR CORP.  
Facility Address 1101 CURTISS STREET  
City, State, Zip DOWNERS GROVE IL 60515  
Technical Contact HARRY HARTZELL  
Title \_\_\_\_\_  
Telephone No. 630-338-7640 SIC# \_\_\_\_\_  
Facility EPA ID# ILD006076201

Bill To ARMY GEAR CORP.  
Address 2301 CURTISS STREET  
City, State, Zip DOWNERS GROVE IL 60515  
Telephone No. 630-338-7640  
Company Contact HARRY HARTZELL  
Title \_\_\_\_\_  
This Profile Sheet was completed using: BOTH

Generator Knowledge ☒ Analysis (attached) ☐ Other ☐

## B WASTE DESCRIPTION

NAME OF WASTE ARMY GEAR CORP. WASTE  
PROCESS GENERATING WASTE FINISHED COPPER WEAPON BACKS - WEAR PROTECTED PARTS

## C GENERAL CHARACTERISTICS (at 70° F unless otherwise specified)

COLOR GRAY ☒ LIQUID 100 % FREE PHASES \_\_\_\_\_  
ODOR NO ☒ SOLID ☐ SINGLE LAYER  
☐ NONE ☐ STRONG ☐ SLUDGE ☐ DOUBLE LAYER  
☒ MILD ☐ POWDER ☐ MULTI-LAYER

## D RCRA INFORMATION

Is this a USEPA hazardous waste? ☐ YES ☒ NO

Please give USEPA hazardous waste codes:

None  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## E SPECIAL HANDLING INSTRUCTIONS

If special handling techniques are required, specify: PROPER P.P.E.Is a representative sample provided? ☒ YES ☐ NO

## F TRANSPORTATION INFORMATION

1. Is this a DOT Hazardous Material? ☐ YES ☒ NO 2. Anticipated Annual Volume/Units 1000000 / 227  
3. Proper Shipping Name NON-FLAMMABLE MATERIAL  
4. Hazard Class # \_\_\_\_\_ 5. I.D. # \_\_\_\_\_ PG: \_\_\_\_\_  
6. Additional Description ( \_\_\_\_\_  
7. Method of Shipment ☐ Bulk Liquid ☐ Bulk Solid ☒ Drum (Type/Size) DM / 227 Other \_\_\_\_\_  
8. CERCLA Reportable Quantity (RQ) \_\_\_\_\_ 9. Volume on Hand \_\_\_\_\_

1	2	3	4	5	6
<b>SPECIFIC GRAVITY</b>	<b>VISCOSITY</b>	<b>TC CODES PRESENT?</b>	<b>TOTAL SUSPENDED SOLIDS (% WT)</b>	<b>pH</b>	<b>BTU's 1000/lbs.</b>
<input type="checkbox"/> <0.8 <input type="checkbox"/> 1.4-1.7 <input type="checkbox"/> 0.8-1.0 <input type="checkbox"/> >1.7 <input type="checkbox"/> 1.0-1.2 <input type="checkbox"/> _____ <input type="checkbox"/> 1.2-1.4 actual	<input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, list in section D	<input checked="" type="checkbox"/> <0.5 <input type="checkbox"/> >20 <input type="checkbox"/> 0.5-2.0 <input type="checkbox"/> 2.0-5.0 actual <input type="checkbox"/> 5.0-2.0	<input type="checkbox"/> <2 <input type="checkbox"/> >12.5 <input type="checkbox"/> 2-6 <input type="checkbox"/> 6-8 actual <input type="checkbox"/> 8-10 <input type="checkbox"/> 10-12.5	<input type="checkbox"/> <1 <input type="checkbox"/> 12-16 <input type="checkbox"/> 1-4 <input type="checkbox"/> 4-8 actual <input type="checkbox"/> 8-12

7	8	9	10
<b>FLASH POINT</b> (closed cup) <input type="checkbox"/> <73°F <input type="checkbox"/> >200°F <input type="checkbox"/> 73-140°F <input type="checkbox"/> 140-200°F actual	<b>SULFUR (% WT)</b> <input type="checkbox"/> <0.5 <input type="checkbox"/> >5.0 <input type="checkbox"/> 0.5-2.0 <input type="checkbox"/> 2-5 actual	<b>HALOGENS (%)</b> Chlorine _____ Fluorine _____ Bromine _____ Iodine _____	<b>METALS</b> Indicate if this waste contains any of the following using: 1. <input type="checkbox"/> TCLP 2. <input type="checkbox"/> Generator Knowledge 3. <input type="checkbox"/> TOTAL METAL LESS THAN OR ACTUAL (Parts Per Million)

11
<b>HAZARDOUS CHARACTERISTICS AND OTHER COMPONENTS</b>
Reactivity: <input type="checkbox"/> None <input type="checkbox"/> Explosive <input type="checkbox"/> Pyrophoric <input type="checkbox"/> Shock Sensitive <input type="checkbox"/> Water Reactive <input type="checkbox"/> Ethological <input type="checkbox"/> Radioactive <input type="checkbox"/> Acutely Hazardous Waste Cyanides _____ (ppm) PCB's _____ (ppm) Pesticides _____ Sulfides _____ (ppm) Phenolics _____ (ppm)

## H CHEMICAL COMPOSITION (MUST TOTAL 100%)

_____	_____1%	_____	_____1%
_____	_____1%	_____	_____1%
_____	_____1%	_____	_____1%
_____	_____1%	_____	_____1%
_____	_____1%	_____	_____1%
_____	_____1%	_____	_____1%
_____	_____1%	_____	_____1%
_____	_____1%	_____	_____1%

Arsenic	<input type="checkbox"/> <5 <input type="checkbox"/> <500
Barium	<input type="checkbox"/> <100
Cadmium	<input type="checkbox"/> <1 <input type="checkbox"/> <100
Chromium	<input type="checkbox"/> <5
Lead	<input type="checkbox"/> <5 <input type="checkbox"/> <500
Mercury	<input type="checkbox"/> <0.2 <input type="checkbox"/> <20
Selenium	<input type="checkbox"/> <1 <input type="checkbox"/> <100
Silver	<input type="checkbox"/> <5
Chromium-Hex	<input type="checkbox"/> <5 <input type="checkbox"/> <500
Copper	<input type="checkbox"/> <5
Nickel	<input type="checkbox"/> <5 <input type="checkbox"/> <134
Thallium	<input type="checkbox"/> <5 <input type="checkbox"/> <130
Zinc	<input type="checkbox"/> <5

I hereby certify that all information submitted in this and all attached documents is complete and accurate, and that all known or suspected hazards have been disclosed. The Generator further recognizes that for reasons of efficiency and speed in processing it is desirable to name EOG Environmental, Inc. as Generator's agent for disposal of waste. Accordingly, Generator specifically authorizes officers and/or employees of EOG Environmental, Inc. to sign forms and/or contracts in respect to waste disposal utilizing only information and matters that appear on the EOG Environmental "master sheet" above. In this respect, EOG Environmental, Inc. is to in no manner change or alter the date that appears on the above master sheet. The Generator specifically acknowledges that it has carefully reviewed the above master sheet data and information. With the above limitations, Generator further consents and directs that the officer and/or employee of EOG Environmental, Inc., sign the name of the undersigned agent of Generator to any and all such form and/or contracts respecting processing and disposal of Generator's waste.

AUTHORIZED SIGNATURE OF GENERATOR'S OFFICER AND/OR AGENT

TITLE

DATE

WHITE - CUSTOMER COPY

CANARY - FILE COPY

PINK - SALES REPRESENTATIVE



**CHEMICAL WASTE MANAGEMENT, INC.**  
RECERTIFICATION OF DAN (DISPOSAL AUTHORIZATION NUMBER)  
PLEASE PRINT IN INK OR TYPE (ELITE, 12-PITCH)

ANSWERS MUST BE MADE TO ALL QUESTIONS  
RETURN THIS FORM AND ALL ATTACHMENTS TO:

CHEMICAL WASTE MANAGEMENT, INC.  
ATTENTION: ADEM APPROVALS DEPARTMENT  
P.O. BOX 55 (BY MAIL)  
HWY 17 NORTH, MILE MARKER 163 (BY FEDERAL EXPRESS)  
EMELLE, ALABAMA 35459

ARROW GEAR

210234  
CWM031591-2059

PHONE: 205/652-9721 OR 205/652-8082

FAX: 205/652-8080

DO NOT RECERT

**A. GENERAL INFORMATION:**

1. GENERATOR NAME: ARROW GEAR CO. 2. USEPA ID: 1LD005075205  
3. FACILITY ADDRESS: 2301 CURTISS ST. 4. STATE ID: 0430305016  
DOWNS GROVE, IL 60515 5. ZIP CODE: 60515  
6. FACILITY CONTACT: STAN CHERNEY / DAVE GREGG 7. TITLE: BUYER / IND. ENG.  
7. PHONE NUMBER: 708-969-7640 9. FAX NUMBER: 708-969-0253

**B.**

1. NAME OF WASTE: SPENT COPPER STRIP SOLUTION  
2. PROCESS GENERATING WASTE: STRIP COPPER PLATING FROM GEARS & LIKE PARTS  
REQUIRED IN HEAT TREAT OPERATION

**C. CHANGES OR ADDITIONS SINCE LAST PROFILE SHEET PREPARATION OR RECERTIFICATION:**

1. HAVE YOU OBTAINED ANY LABORATORY ANALYSIS OF THIS WASTE? ☒ YES ☐ NO  
2. HAVE YOU CHANGED THE RAW MATERIALS USED IN THE WASTE-GENERATING PROCESS? ☒ YES ☐ NO  
3. HAVE YOU CHANGED THE WASTE-GENERATING PROCESS ITSELF? ☒ YES ☐ NO  
4. ARE YOU AWARE OF ANY FACTS OR CIRCUMSTANCES WHICH HAVE, OR REASONABLY COULD HAVE, ALTERED THE PHYSICAL CHARACTERISTICS OR CHEMICAL COMPOSITION OF THE WASTE? ☒ YES ☐ NO  
5. ARE YOU AWARE OF ANY HUMAN HEALTH EFFECTS OF EXPOSURE TO THE WASTE NOT PREVIOUSLY CONVEYED TO CHEMICAL WASTE MANAGEMENT, INC.? ☒ YES ☐ NO

IF YOU ANSWERED "YES" TO ANY QUESTIONS, PLEASE PROVIDE DETAILS BY ATTACHING ADDITIONAL PAGES.

**D. SPECIFIC CONSTITUENTS:**

1. IS THIS WASTE A LISTED DIOXIN WASTE AS DEFINED BY 40 CFR 261.31 (F020, F021, F022, F023, F026, F027, F028)? ☒ YES ☐ NO  
2. IS THIS WASTE A LISTED SOLVENT WASTE AS DEFINED BY 40 CFR 261.31 (F001, F002, F003, F004, F005)? ☒ YES ☐ NO  
3. DOES THIS WASTE CONTAIN GREATER THAN 1000 PPM TOTAL HALOGENATED ORGANIC COMPOUNDS? ☒ YES ☐ NO

**E. TRANSPORTATION INFORMATION**

1. IS THIS A DOT HAZARDOUS MATERIAL? ☒ YES ☐ NO 2. ANTICIPATED ANNUAL VOLUME (IN TONS ONLY) 5 TONS  
3. PROPER SHIPPING NAME: RQ WASTE CORROSIVE LIQ NOS  
4. HAZARD CLASS: CORROSIVE MATL 5. I.D. #: UN 1760  
6. ADDITIONAL DESCRIPTION: D002  
7. METHOD OF SHIPMENT: BULK LIQUID BULK SOLID ☒ DRUM (TYPE/SIZE) 55 GAL OTHER:             
8. CERCLA REPORTABLE QUANTITY (RQ): 100 lbs 9. RQ UNITS (LB/KG): lbs  
10. USEPA HAZARDOUS WASTE? ☒ YES ☐ NO 11. USEPA WASTE CODE(S): D002  
12. STATE HAZARDOUS WASTE? ☒ YES ☐ NO 13. STATE WASTE CODE(S): D002

**F. RECERTIFICATION:** THE INFORMATION PROVIDED IN THIS DOCUMENT, THE ATTACHED WASTE PROFILE SUMMARY SHEET, AND ALL OTHER ATTACHED DOCUMENTS CONTAIN TRUE AND ACCURATE DESCRIPTIONS OF THIS WASTE MATERIAL. ALL NEW INFORMATION REGARDING KNOWN OR SUSPECTED HAZARDS IN THE POSSESSION OF THE GENERATOR HAS BEEN DISCLOSED.

1.

SIGNATURE

STANLEY J. CHERNEY

3.

NAME (TYPE OR PRINT)

2.

TITLE

2/19/91

4.

DATE